

Amendments to the Specification

Page 1, please amend the first and second paragraphs to read as follows:

(1) Serial Number 10/660,544, entitled “UWB Link Setup With Bluetooth” (NC 28897/4208- 4144), filed contemporaneously with the present invention, assigned to the assignee of the present invention, and fully incorporated herein by reference.

(2) Serial Number 10/660,549, entitled “Repeat request in Hybrid Ultra Wideband – Bluetooth Radio” (NC28945/4208-4153), filed contemporaneously with the present invention, assigned to the same assignee of the present invention, and fully incorporated herein by reference

Page 13, please amend the paragraph bridging pages 13 and 14 to read as follows:

The customer 404 receives data from the server 406 via customer premise equipment (CPE) 418 which may be any mobile terminal equipment residing on the customer’s premises for data utilization purposes. A memory stick 420 is attached to the equipment 418 and includes a UWB receiver 422 coupled to a xGb memory 424 for data storage. A direct memory access circuit 426 services the receiver in transfer data to the memory and the transfer of data to the equipment 418. The transfer of the data to the CPE occurs at the cycle speed of the CPE while the receiver 422 receives data up to 1 Gbit/sec in rapidly occurring ~~[[in]]~~ pulses having pulse widths in the range of 20 – 0.1 nanoseconds.

Page 14, please amend the second full paragraph to read as follows:

UWB transmissions 428 from the server to the CPE occur after synchronization of the transmitter 412 and the receiver 422. The bursts of data 428 occur with parity 430 due to the heavy error coding in the server. The bursts of data ~~is~~are received at the customer premise

equipment and is error detected by simple parity checking, which reduces the processing power required by the customer premise equipment.

Page 15, please amend the fifth paragraph as follows:.

Step 512: Transceiver 412 sends time modulated and PN coded data to transceiver[[s]] 422, after a delay period equal to the transmission period for the transceiver 422.